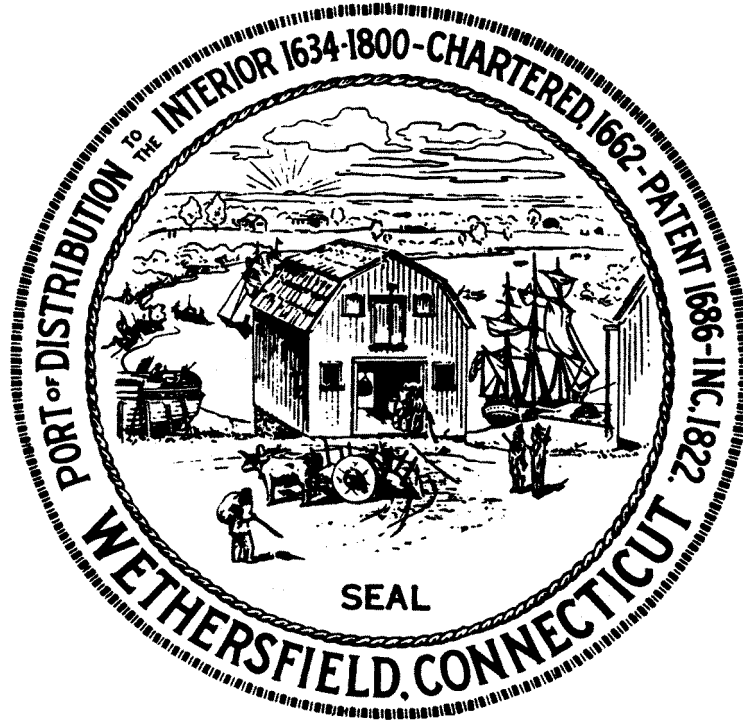


TOWN OF WETHERSFIELD, CONNECTICUT

General Permit for the Discharge of Stormwater
from Small Municipal Separate Storm Sewer Systems (MS4)
2016 Annual Report

(DRAFT FOR PUBLIC REVIEW AND COMMENT)



Prepared by
Wethersfield Engineering Division

Table of Contents

INTRODUCTION	3
CURRENT PERMIT DATA.....	3
STORMWATER PROGRAM PERMIT INFORMATION.....	3
GENERAL INFORMATION FOR MS4 OPERATOR	3
GENERAL INFORMATION FOR PRIMARY CONTACT PERSON	4
GENERAL INFORMATION FOR SECONDARY CONTACT PERSON	4
GENERAL INFORMATION FOR RECEIVING WATERS.....	4
MINIMUM CONTROL MEASURES – BEST MANAGEMENT PRACTICES (BMPS)	4
1. <i>Public Education and Outreach on Stormwater Impacts</i>	4
2. <i>Public Participation / Involvement</i>	5
3. <i>Illicit Discharge Detection and Elimination (IDDE)</i>	6
4. <i>Construction Site Runoff Control</i>	6
5. <i>Post-Construction Stormwater Management in New Development and Redevelopment</i>	7
6. <i>Pollution Prevention / Good Housekeeping for Municipal Operations</i>	7
7. <i>Additional Requirements</i>	8
STORMWATER SAMPLING	9

Introduction

This Annual report has been prepared by the Town of Wethersfield Engineering Division, as described in the **General Permit for the Discharge of Stormwater from Small Municipal Separate Storm Sewer Systems (MS4)**, to outline progress the Town has made in complying with the CTDEEP MS4 program relative to implementing minimum control measures.

Minimum control measures required by the MS4 that are expounded upon in this report are:

- Public Education and Outreach on Stormwater Impacts
- Public Involvement/Participation
- Illicit Discharge Detection and Eliminations (IDDE)
- Construction Site Stormwater Runoff Control
- Post-Construction Stormwater Management in New Development and Redevelopment
- Pollution Prevention/Good Housekeeping for Municipal Operations

Current Permit Data

Stormwater Program Permit Information	
Permitting Authority:	Commissioner of DEEP
Permit Number:	GSM000031
Permit Type:	General
Permit Name:	General Permit for the Discharge of Stormwater from Small Municipal Separate Storm Sewer Systems
Date Issued:	1/9/2004
Date Expired:	1/8/2009

General Information for MS4 Operator	
Operator Name:	Jeff Bridges
Operator Title:	Town Manager
Represented Entity:	Town of Wethersfield
Mailing Address:	505 Silas Deane Highway
Mail City:	Wethersfield, CT 06109
Phone Number:	860-721-2801
E-Mail Address:	Jeff.Bridges@wethersfieldct.gov
Co- Permitting With:	Commissioner of CTDEEP
Population:	26,700
Households:	11,100
Area (sq mi):	12
Official Website:	www.wethersfieldct.com

General Information for Primary Contact Person	
Name:	Derrick Gregor, P.E.
Title:	Town Engineer
Phone Number:	860-721-2853
E-Mail Address:	Derrick.Gregor@wethersfieldct.gov

General Information for Secondary Contact Person	
Name:	Donald Moisa, L.S.
Title:	Operations Coordinator
Phone Number:	860-721-2852
E-Mail Address:	Don.Mosia@wethersfieldct.gov

General Information for Receiving Waters		
Receiving Water Lists: Listed below are all the identified receiving waterbodies to which outfalls discharge		
Receiving Streams (creek, stream, river etc.)	Receiving Waterbodies (lake, wetland, ocean, etc)	Receiving Watersheds
Beaver Brook Cemetery Brook Collier Brook Fairlane Brook Folly Brook Goff Brook Two Stone Brook	Bell Pond Millwoods Pond Murphy Pond Wethersfield Cove	Connecticut River Long Island Sound

Minimum Control Measures – Best Management Practices (BMPs)

1. Public Education and Outreach on Stormwater Impacts

Responsible Party: Donald Moisa (Operations Coordinator)

- 1.1 Public Service Announcements are broadcast on the Local Government Access Channel and available on the Engineering Division page of the Town website, to educate audiences about problems and solutions in stormwater discharges and to generate interest and awareness in stormwater management.
- 1.2 A Brochure/Fact Sheet developed by the Wethersfield Engineering Division, Wetlands Officer and Health Department is available at numerous locations throughout Town offices, the Town website and available at public meetings and events.
- 1.3 Stormwater related material is available on the engineering page of the Town website: <http://wethersfieldct.com/content/398/408/499.aspx>

2016 Annual MS4 Report

- 1.4 The staff of the Wethersfield Engineering Division, Wetlands Officer and Health Department routinely evaluate alternative information sources and make valuable information available to the public.
- 1.5 The Wethersfield Engineering Division maintains a Library of educational material related to Stormwater discharge. This material is available to the public upon request.
- 1.6 Staff of the Wethersfield Engineer Division, Physical Services, Wetlands Official, Health Department and Planning Office routinely field stormwater related questions asked by our residents. Our personnel strive to stay current on policies, procedures and BMPs.
- 1.7 Information pertaining to the Town's recycling program is available on the Town website and brochures are available in Town offices:
<http://wethersfieldct.com/content/398/4594/4717.aspx>

2. Public Participation / Involvement

Responsible Party: Donald Moisa (Operations Coordinator)

- 2.1 Our Brochure / Fact Sheet and Public Service Announcements (PSAs) on the Local Government Access Channel encourages residents to participate in stormwater BMPs including reporting of violations.
- 2.2 Residents are encouraged to participate in annual cleanup events to help ensure that accumulated household chemicals, cleaning supplies, batteries, paints, yard waste, pesticides and organic material are disposed of properly.
- 2.3 Information for the proper disposal of various materials is available on the Town website:
<http://wethersfieldct.com/physical-services>
- 2.4 The Town of Wethersfield encourages its residents to participate in special events that are geared towards environmental improvements including stormwater discharge enhancements. These special events include:
 - 2.4.1 Earth Day Clean up
 - 2.4.2 Heritage Trail Day
 - 2.4.3 Household hazardous waste collection
 - 2.4.4 Media Relations
 - 2.4.5 Millwoods Park Swimming Area
- 2.5 To promote the recovery of stormwater, the Town encourages residents to participate in 'rain barrel' sales. The recycled plastic barrels can be used as cisterns to store rain runoff from house leaders to use for lawn watering and gardening.

3. Illicit Discharge Detection and Elimination (IDDE)

Responsible Party: Donald Moisa (Operations Coordinator)

- 3.1 Continually updating field data and monitoring permit applications within the Town provides opportunity to detect Illicit Discharge.
- 3.2 Visual Inspections of existing stormwater pipes and outfalls are periodically conducted to aid in the detection of illicit discharge to the stormwater system.
- 3.3 Visual Inspections conducted by the staff of the Engineering Division, Physical Services, and Health Department are conducted in an effort to detect and address future non-stormwater discharges.
- 3.4 Town policy regarding Stormwater Discharges is clear and available to residents. It is posted on the Engineering Section of the Town website:
<http://wethersfieldct.com/content/398/408/499.aspx>
- 3.5 Mapping of the Wethersfield stormwater system is maintained in the Town Engineering Division Offices and is available to the public.
- 3.6 The Town manages waste collection to minimize illegal dumping. Information pertaining to the disposal of non-household waste, i.e., old tires, batteries, waste oil, antifreeze is available on the Town website and on posters located in Town offices.

4. Construction Site Runoff Control

Responsible Party: Derrick Gregor (Town Engineer)

- 4.1 Wethersfield requires contractors to adhere to specific engineering standards and specifications in all facets of their work, including erosion and sediment control. All measures deemed necessary to prevent silt from exiting the site will be implemented by the contractor prior to construction.
- 4.2 All proposed construction projects are reviewed by Town staff to ensure adequate measures have been included to control site runoff and protect adjoining properties, downstream wetlands, watercourses and waterbodies.
- 4.3 All proposed construction projects disturbing > 0.5 acres are required to obtain an erosion and sediment control plan that has been approved by the Town Engineering Division and Wetlands Officer.
- 4.4 Continual interaction between contractors and Town staff assures all preventative measures are properly implemented and maintained.
- 4.5 All information pertaining to the Town's stormwater discharge requirements is communicated to the contractor prior to the beginning of construction.
- 4.6 Construction site inspections are conducted by Town staff to monitor progress, note discrepancies and offer solutions to any and all potential problems that could lead to a failure of an erosion and sedimentation control measure. Inspections also allow the Town to enforce required BMPs.

- 4.7 For any stormwater discharge issue that is not covered by Town ordinance, contractors are required to adopt all measures outlined in the **Connecticut Erosion and Sediment Control Guidelines (2002)**, as amended.
- 4.8 Construction contractors are encouraged to keep their sites clean. This reduces the possibility of garbage and debris from inadvertently being introduced to stormwater runoff.
- 4.9 For Contractors who violate Town ordinances or circumvent stormwater discharge regulations, sanctions can be applied.

5. Post-Construction Stormwater Management in New Development and Redevelopment

Responsible Party: Donald Moisa (Operations Coordinator)

- 5.1 Recurring review of land use regulations by Town staff ensures BMPs are current and competently employed.
- 5.2 Town staff is familiar with requirements for ensuring long term operation and maintenance of stormwater discharge BMPs. The Town works with land owners to ensure proper maintenance is performed and any violations are reported.
- 5.3 Continued site monitoring after construction allows Town staff to monitor the performance of stormwater BMPs and detect any irregularities or potential failure of systems that would impact downstream areas.

6. Pollution Prevention / Good Housekeeping for Municipal Operations

Responsible Party: Derrick Gregor (Town Engineer)

- 6.1 The Town of Wethersfield has an aggressive program to maintain its stormwater system. The system is monitored and components are repaired/replaced as needed and kept free of debris. Catch basins, stormwater treatment units, storm structures and culverts are inspected and cleaned as required. Ongoing operation and maintenance is an integral component of the stormwater system.
- 6.2 Town employees are trained in their jobs to be safe and immediately report any damaged structure or culvert system. They are also taught the necessity of proper record keeping, proper internal reporting, maintenance, preventative measures and how their actions (or inaction) can affect stormwater pollution.
- 6.3 The Town employs a road sweeping program to ensure stormwater system structures are not inundated with road debris during rain events. Road sweeping is scheduled as needed as some areas require sweeping more often than others.
- 6.4 The Town maintains its transfer station. The site is kept litter free and drainage is monitored to ensure it does not become a source of pollution. Employees are taught how to locate potential sources of contaminants, to be proactive, how to react to incidents using best management practices and to report discrepancies immediately.

- 6.5 Wethersfield hires a professional testing company to collect stormwater samples at specific outfalls and report results to the Town. This information is provided to CTDEEP via the MS4 permit annual report.

7. Additional Requirements

Responsible Party: Derrick Gregor (Town Engineer)

- 7.1 The Town accepts its responsibility to correct and report any and all deficiencies detected in its stormwater collection system.
- 7.2 Staff of the Engineering Division, Health Department and the Wetlands Officer are competent and will be able to provide information to the Connecticut Department of Energy & Environmental Protection (DEEP) Commissioner when required.
- 7.3 The Wethersfield Engineering Division maintains plans and drawings that are accurate and current. This information is available to the public upon request.
- 7.4 Copies of the Town's MS4 permit, Stormwater Pollution Control Plan, wetland ordinances and the **Connecticut Erosion and Sediment Control Guidelines (2002)** are maintained and available in the Engineering Division offices.
- 7.5 Upon learning of a violation to the MS4 permit, all Town employees are instructed to take all reasonable action to determine the cause of such violation, correct and mitigate the results of the violation and take action to prevent further violations. Town employees are made cognizant of laws and regulations regarding stormwater discharge. When required, these violations will be reported to the Commissioner of the CTDEEP in writing within five (5) days.
- 7.6 Recordkeeping for activities involving stormwater discharges within the Town of Wethersfield will be maintained by the Engineering Division and the Physical Services Department. These records, including the Town's Stormwater Management Plan and Wethersfield's total maximum daily load (TMDL) allocations, are available to the public for viewing during normal business hours.
- 7.7 Annual monitoring of designated stormwater outlets is completed by an outside vendor and associated test results are provided to the Town for retention and reporting.

Stormwater Sampling

Responsible Party: Derrick Gregor (Town Engineer)

Results are attached:

DRAFT